



Crop Progress and Condition

National Agricultural Statistics Service

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For Week Ending: July 19, 2015

Released: July 20, 2015

ALASKA: There were **5.5 days suitable for fieldwork** last week. Temperatures were below normal in the Tanana Valley and mixed in the other major growing areas. Most areas received several days of precipitation. **Wind and rain damage to crops** was reported as 95% none and 5% light last week.

TANANA VALLEY: An average of **5.0 days was suitable for fieldwork**. First cutting **hay harvest** was reported as 50% complete. **Farm activities** for the week included harvesting hay, spreading fertilizer for second cutting, spraying weeds in hay after first cutting, CRP maintenance. Farmers markets were selling a variety of vegetables and herbs.

MATANUSKA VALLEY: An average of **6.5 days was suitable for fieldwork**. First cutting **hay harvest** was reported as 85% complete. **Farm activities** for the week included harvesting hay and vegetables, spreading fertilizer, weed control, irrigation, general farm maintenance.

KENAI PENINSULA: An average of **4.0 days was suitable for fieldwork**. **Farm activities** for the week included cutting and baling hay, peony harvest is underway. Farmers markets are selling a variety of vegetables and herbs.

Soil Moisture -- Alaska

	Very short (percent)	Short (percent)	Adequate (percent)	Surplus (percent)
Topsoil Moisture – State.....	10	40	50	0
Tanana Valley.....	0	40	60	0
Matanuska Valley.....	25	50	25	0
Kenai Peninsula.....	0	0	100	0
Subsoil Moisture – State	0	55	45	0
Tanana Valley.....	0	50	50	0
Matanuska Valley.....	5	70	25	0
Kenai Peninsula.....	0	0	100	0

Soil Temperatures (F °) at 4 inch depth

	Grass			Fallow land			Temperature		Precipitation (inches)
	2015	2014	2013	2015	2014	2013	High	Low	
UAF-AFES, Trunk Rd.....	61	61	61	60	58	62	73	45	0.23
Sawmill Creek.....	na	55	56	na	na	na	na	na	na
Plant Materials Center.....	na	na	63	na	na	60	74	47	0.08

Pan Evaporation^{1/} UAF-AFES, Matanuska Experiment Farm, Palmer: 1.224

^{1/} Pan evaporation is an indirect estimation of evapotranspiration or consumptive water use by plants. For purposes of watering or irrigation of plants, it is a good indicator of climatic effects on water use by crops. A positive reading indicates that evaporation exceeded precipitation. na – not available.

Crop Progress -- Alaska

	Percent completed			
	This week	Last week	Last year	5 year average
	(percent)	(percent)	(percent)	(percent)
Barley Turning Color.....	5	0	0	4
Oats Headed	20	5	51	54
Hay Harvested.....	70	60	71	66

na – not available

Crop Condition -- Alaska

	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Barley.....	5	20	45	30	0
Oats.....	5	15	50	30	0
Potatoes.....	0	5	35	50	10
Hay.....	10	20	35	25	10

Weekly Weather Statistics — Alaska: July 13 - July 19, 2015

Weather station	Air temperature				Last week precipitation		Season cumulative precipitation			Growing degree days		
	Hi	Low	AVG	DFN	Total inches	Days	Total inches	DFN	Days	Base 50		Base 40
										Total	DFN	Total
Fairbanks International.....	77	52	61	-2	0.40	4	1.97	-1.04	21	709	+123	1,463
Fairbanks-Eielson	76	46	59	-4	0.69	4	3.77	+0.04	23	565	+16	1,289
Nenana	79	50	61	-1	0.49	5	2.22	-0.37	21	680	+182	1,429
Fort Greely-Allen	73	43	58	-4	1.08	4	3.92	-0.94	21	616	+116	1,345
Healy River Airport	74	48	58	-3	1.13	7	4.26	-0.47	39	507	+114	1,236
Gulkana Airport	70	40	57	-1	0.16	1	1.70	-1.53	14	451	+203	1,165
Sutton	67	46	56	-2	1.23	7	5.61	+2.00	44	351	+101	1,063
Palmer	72	49	59	+2	0.07	4	0.99	-2.20	19	514	+165	1,288
Talkeetna	71	44	56	-4	1.58	5	5.16	-0.73	33	486	+136	1,234
Willow Airport	71	50	59	+0	1.07	7	4.65	+1.99	42	534	+215	1,296
Anchorage International	73	51	61	+3	0.46	4	2.32	-0.34	22	552	+222	1,296
Kenai.....	66	40	55	+1	0.99	6	3.11	+0.09	33	246	+80	886
Homer.....	62	45	55	+2	0.42	3	1.46	-1.40	27	372	+240	1,126
Kodiak.....	66	47	55	+1	0.56	4	12.51	-1.84	45	253	+123	918

Summary based on NWS data.

DFN=Departure from normal.

Precipitation days=Days with precipitation of 0.01 inch or more.

Season cumulative precipitation total starts May 1, 2015.

For more weather information visit www.awis.com or call 1-888-798-9955.

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